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EASINGTON RURAL DISTRICT

REPORT

OF THE

MEDICAL OFFICER
OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1960



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Cleansing Superintendent—D. WARD, M.Inst.P.C.

EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year ended 31st December, 1960.

Telephone—Easington 393.

EASINGTON,

CO. DURHAM,

1961.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1960.

The work accomplished by the department during the year is described in the various sections. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and contributions from the Engineer and Surveyor and the Cleansing Superintendent are also included.

This introductory letter is intended to summarise briefly the contents of the report as a whole and to draw attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to allow a comparison to be made between the health of the inhabitants of the district in different years and the health of the country as a whole. They include the birth rate, the general death rate, the infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 19.26 per 1,000 of the population shows a slight increase on that of 19.09 for 1959 and remains higher than the rate for England and Wales as a whole which is 17.1, the highest national rate since 1948.

GENERAL DEATH RATE

The general death rate of 10.85 per 1,000 of the estimated resident population has increased from the figure of 10.05 for the year 1959. While it still compares favourably with the rate of 11.5 for England and Wales it is, nevertheless, the highest district rate since 1951. The number of deaths has risen from 863 in 1959 to 937 for the year under review.

INFANT MORTALITY

The rate of 28.26 per 1,000 live births is a slight increase on that of 28.06 for the previous year. The national rate continues to decrease and the figure of 21.7 is the lowest ever recorded in this country.

There were 47 deaths in infants under one year and of these 33 (70%) occurred in the first four weeks of life, giving a neonatal mortality rate of 19.84 per 1,000 live births. In 17 of these prematurity was given as the primary cause of death and in three as contributory. The rate for England and Wales for 1960 is 15.6.

MATERNAL MORTALITY

There were no maternal deaths in this district during the year. The maternal mortality rate for England and Wales for 1960 is 0.39 per 1,000 live and still births.

In compiling the statistics for births and deaths the actual number of live births (1663) and the total deaths in the district (937) have been calculated. The standardised rates may be obtained by multiplying these two rates by the Registrar General's comparability factors of 0.99 in respect of births and 1.34 in the case of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 289 deaths, representing nearly 31 per cent of the total deaths in the district. Diseases of the blood vessels of the brain moved to second place, causing 164 deaths (17.5%), with cancer third, responsible for 155 deaths (16.5%), and bronchitis and pneumonia fourth with 100 (10.7%). Altogether these four causes accounted for over 75 per cent of the total deaths. Indeed, the first two show between them a rise of 65 deaths on the previous year and are largely responsible for the district's increased death rate.

There is some consolation in the slight decrease in cancer deaths from 162 in 1959 to 155 this year, lung cancer deaths being 20 compared with 23 in 1959.

INFECTIOUS DISEASES

Notifications of these diseases are set out in Table 7, which also gives the final figures after correction. This year has been quiet generally, and there is little need for comment. Particulars of incidence of the various diseases will be found in Section II.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section IV. Particulars of B.C.G. protection are given under the heading Vaccination and Immunisation.

The Regional Hospital Board's Sunderland unit visited the northern part of the district at Murton and South Hetton during March, and in July the Middlesbrough unit made an extensive tour of the southern areas including Horden, Blackhall, Easington Colliery and Village. Facilities are also available through the Regional Hospital Board for individual or small group X-ray at the General Hospital, Chester Road, Sunderland. Particulars of days and times for this service may be obtained from the Health Department, Easington.

VACCINATION AND IMMUNISATION

Poliomyelitis vaccination continued during the year by general practitioner arrangements and sessions organised by the Health Department. Altogether 3,554 persons received primary vaccination and 7,733 reinforcing injections were given. These figures, when compared with those for the year 1959 of 7,390 and 9,211 respectively,

indicate that as with diphtheria immunisation many parents and young adults in this district are indifferent about the importance of vaccination against poliomyelitis.

B.C.G. vaccination was again undertaken by this department in 1960. Altogether 698 children and young persons were protected against tuberculosis.

Table 8 gives age group figures of children immunised against (a) diphtheria, and (b) diphtheria and whooping cough. It will be seen that in the former there were only 25 primary and 105 reinforcing injections, whereas in the latter 1,020 children received primary and there were 147 reinforcing injections.

WATER

Piped water supply in the district has been sampled weekly during the year. All 53 samples submitted to bacteriological examination were reported as satisfactory. Further details will be found in Section V.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice-cream, water and milk, and occasional samples of meat and other edible products have been submitted during the year. 269 faecal specimens in respect of dysentery and food poisoning cases and their contacts were sent to the laboratory for examination and report.

SANITARY CONDITIONS OF THE AREA

Much of interest will be found in the comments and tables of Section V dealing with the environmental services, contributed by the Senior Public Health Inspector, the Engineer and Surveyor and the Cleansing Superintendent.

HOUSING

Preparations have been made for the clearance of old properties at Hesleden, Wheatley Hill, Wingate and Castle Eden Village involving 105 houses and 351 persons.

Building work progressed during the year for the re-housing of families in the confirmed Clearance Orders 151 – 161 at Wingate, Hutton Henry, Monk Hesleden, Dalton-le-Dale, East Murton and Cold Hesledon.

HEALTH AND WELFARE FUNCTIONS

Following Ministry of Health consent in November, 1959 to the making of a Delegation Scheme by Easington Rural District Council under Section 46 (3) of the Local Government Act, 1958, some preparatory discussions have taken place with the appropriate officials of Durham County Council.

Proposals for a new office building to accommodate the entire Health Department staff and equipment were also discussed by the two Authorities, and in October, 1960 the Council's Engineer and Surveyor was able to start the work with prospect of completion by the 1st April, 1961, the operative date for transfer of the delegated health and welfare functions.

STAFF

There were no changes in the Health Department staff during the year.

CONCLUSION

Apart from the increase in the general death rate, about which comment has already been made in this introductory letter, there is little in the vital statistics to which attention should be drawn. The birth rate continues to rise and so, unfortunately, does infant mortality, even though the increase is only fractional.

In the main, notifiable infectious diseases were quiescent and there were no epidemics. The single confirmed case of acute poliomyelitis serves as an important reminder that unvaccinated children and young adults are in constant danger from this disease.

May I again express my thanks to the members and officials of the Council for their continued support, and my appreciation to the staff of this department for their loyal and willing co-operation throughout the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. W. A. RODGERS,

Medical Officer of Health.

SECTION I.

CONDITIONS OF THE AREA

Area (in acres)	.. .. .	34,653
Registrar General's estimate of resident population year, 1960	.. .. .	86,360
Number of Hereditaments on 31st December, 1960 according to the rate books	.. .. .	30,103
Rateable Value (at 1st April, 1960)	.. .. .	£650,131
Sum represented by Penny Rate (1959-60)	.. .. .	£2,431

VITAL STATISTICS

Births :—Live Births.

	Male	Female	Total
Legitimate	816	793	1609
Illegitimate	32	22	54
	<hr/> 848 <hr/>	<hr/> 815 <hr/>	<hr/> 1663 <hr/>

Birth Rate per 1,000 of the estimated resident population	19.26
--	---------	-------

Illegitimate Live Births per cent of Total Live Births	3.25
--	------

Still Births :—

Legitimate	13	18	31
Illegitimate	1	—	1
	<hr/> 14 <hr/>	<hr/> 18 <hr/>	<hr/> 32 <hr/>

Rate per 1,000 total live and still births	..	18.88
--	----	-------

Total Live and Still Births :—

862	833	1695
-----	-----	------

Infant Mortality :—

Deaths of infants under 1 year :

Legitimate	19	21	40
Illegitimate	4	3	7
	<hr/> 23 <hr/>	<hr/> 24 <hr/>	<hr/> 47 <hr/>

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 28·26.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 24·86.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 129·63.

Neonatal Mortality

Deaths of infants under 4 weeks:

		Male	Female	Total
Legitimate	..	14	13	27
Illegitimate	..	3	3	6
		<hr/>	<hr/>	<hr/>
		17	16	33
		<hr/>	<hr/>	<hr/>

Death rate per 1,000 live births 19·84

Early Neonatal Mortality

Deaths of infants under 1 week :

Legitimate	..	14	12	26
Illegitimate	..	2	2	4
		<hr/>	<hr/>	<hr/>
		16	14	30
		<hr/>	<hr/>	<hr/>

Death rate per 1,000 live births 18·04

Perinatal Mortality Rate 36·58

Maternal Deaths

Deaths from Puerperal Causes—

from Sepsis	..	..	Nil.
from Other Causes	..	..	Nil.
			<hr/>
Total	..	..	Nil.
			<hr/>

Maternal Mortality Rate Nil.

Total Deaths (all ages) 538 399 937

Death rate per 1,000 of the estimated resident population 10·85

TABLE I. DEATHS—CAUSES AND AGES AT DEATH.

	All Ages	Under 4 weeks	4 weeks- under 1 year	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 up
Tuberculosis, Respiratory	9	—	—	—	—	—	—	1	2	3	3	—
Tuberculosis, Other	1	—	—	—	—	1	—	—	—	—	—	—
Syphilitic Disease	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases	4	—	—	—	—	—	1	1	—	1	—	1
Malignant Neoplasm, Leukaemia, Aleukaemia	155	—	—	—	2	—	—	8	17	34	41	53
Diabetes	4	—	—	—	—	—	—	—	—	1	1	2
Vascular Lesions of Nervous System	164	2	—	—	—	—	—	2	6	24	44	86
Coronary Disease, Angina	169	—	—	—	—	—	—	4	9	46	64	46
Hypertension with Heart Disease	20	—	—	—	—	—	—	—	—	6	7	7
Other Heart Disease	100	—	—	—	—	—	—	1	6	16	23	54
Other Circulatory Disease	39	—	—	—	—	—	2	—	—	1	8	28
Influenza	2	—	—	—	—	—	—	—	—	—	2	—
Pneumonia	38	2	3	—	—	—	—	1	—	5	13	14
Bronchitis	62	—	—	—	—	—	—	—	6	27	19	10
Other Diseases of Respiratory System	9	—	1	—	—	—	—	1	2	2	1	2
Ulcer of Stomach and Duodenum	9	—	—	—	—	—	—	—	1	3	1	4
Gastritis, Enteritis and Diarrhoea	2	—	—	1	—	—	—	—	—	1	—	—
Nephritis and Nephrosis	6	—	—	—	—	1	—	—	—	2	1	2
Hyperplasia of Prostate	6	—	—	—	—	—	—	—	—	—	2	4
Pregnancy, Childbirth, Abortion	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	10	7	3	—	—	—	—	—	—	—	—	—
Other Defined and Illdefined Diseases	80	22	2	2	—	—	1	—	3	10	17	23
Motor Vehicle Accidents	9	—	—	—	2	3	1	2	—	—	1	—
All Other Accidents	32	—	5	1	4	1	—	5	2	4	1	9
Suicide	7	—	—	—	—	—	2	1	3	1	—	—
Homicide and Operations of War	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	937	33	14	4	8	6	7	27	57	187	249	345

TABLE 2.

Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Stomach	—	—	12	7	13	32
Lung & Bronchus	—	—	11	6	3	20
Breast	—	3	5	3	1	12
Uterus	—	—	4	—	1	5
Other Causes ..	2	5	19	25	35	86
	2	8	51	41	53	155

TABLE 3.

Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1951	11.6	39.5	18.0
1952	9.9	42.8	17.5
1953	10.2	39.8	18.1
1954	10.0	25.7	17.9
1955	8.5	33.6	17.9
1956	9.4	30.3	18.9
1957	9.0	22.5	19.5
1958	10.5	26.3	20.1
1959	10.0	28.1	19.1
1960	10.8	28.3	19.3

	General Death Rate	Infant Death Rate	Birth Rate
1960			
England & Wales	11.5	21.7	17.1
Easington Rural District	10.8	28.3	19.3

TABLE 4.
Infant Mortality Rates
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1951	1468	39.5	29.6
1952	1423	42.9	27.6
1953	1484	39.8	26.8
1954	1481	25.7	25.5
1955	1489	33.6	24.9
1956	1582	30.3	23.8
1957	1647	22.5	23.0
1958	1708	26.3	22.5
1959	1639	28.1	22.0
1960	1663	28.3	21.7

TABLE 5.
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1951	945	11.6	12.5
1952	811	9.9	11.3
1953	834	10.2	11.4
1954	829	10.0	11.3
1955	710	8.5	11.7
1956	787	9.4	11.7
1957	764	9.0	11.5
1958	891	10.5	11.7
1959	863	10.0	11.6
1960	937	10.8	11.5

TABLE 6.
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1951	1468	945	6.4
1952	1423	811	7.5
1953	1484	834	7.5
1954	1481	829	7.9
1955	1489	710	9.4
1956	1582	787	9.5
1957	1647	764	10.5
1958	1708	891	9.6
1959	1639	863	9.0
1960	1663	937	8.4

SUMMARY OF STATISTICS, 1960

Population	..	..	..	..	..	..	86,360
Area (acres)	..	..	..	..	..	..	34,653
Estimated number of Hereditaments	..	..					30,103
Rateable Value (at 1st April, 1960)	..	..	..				£650,131
Sum produced by Penny Rate (1959-60)	..	..					£2,431
Births	..	..	..	..	..	..	1,663
Birth rate per 1,000 of the estimated resident population							19·26
Deaths	..	..	..	..	..	..	937
Death rate per 1,000 of the estimated resident population							10·85
Death rate of infants under one year of age						..	28·26

CHIEF CAUSES OF DEATH

Cause	Number	Percentage of total deaths
Diseases of the heart	289	30·84
Diseases of the veins and arteries of the brain	164	17·50
Cancer	155	16·54
Bronchitis and pneumonia	100	10·67
Tuberculosis (respiratory)	9	0·96

INFECTIOUS DISEASES

Diseases	Cases notified
Measles	619
Whooping Cough	110
Scarlet Fever	40
Dysentery	36
Tuberculosis (all forms) new cases	35
Food Poisoning	7
Acute Poliomyelitis	1

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were only 40 cases of scarlet fever notified during the year compared with 95 in 1959.

Whooping cough notifications numbered 110 against 94 the previous year.

There was one confirmed case of acute poliomyelitis. A boy of two years was admitted to Havelock Hospital from the out-patient department of the Children's Hospital, Sunderland. He was discharged to his home in Horden after five weeks' treatment. This child had not been protected against poliomyelitis.

Following the 1959 figure of 1548 cases of measles there were 619 notifications of this disease during the year. Ninety-five per cent of these were received during the last three months.

For the fifth successive year there were no cases of diphtheria in the district.

Sonne dysentery notifications numbered 36, all of which were confirmed by bacteriological examination. One case notified as food poisoning was also confirmed as dysentery. There were 49 confirmed cases of dysentery the previous year.

No cases of meningococcal infection were notified in 1960.

Twenty-six notifications of acute pneumonia were received compared with 29 in 1959.

The district was free from enteric, typhoid and paratyphoid fevers during the year.

Food Poisoning notifications numbered seven, but only three of these were confirmed by bacteriological examination, the agent identified in all three being *Salmonella typhi-murium*.

SECTION III.

TABLE 8

DIPHTHERIA AND WHOOPING COUGH IMMUNISATION

The following details have been extracted from the Quarterly Reports of the County Medical Officer of Health

Quarter Ended	DIPHTHERIA								DIPHTHERIA AND WHOOPING COUGH							
	Primary Immunisations				Re-inforcing Injections				Primary Immunisations				Re-inforcing Injections			
	Age at Date of Primary Immunisation				Age at Date of Re-inforcing Injection				Age at Date of Primary Immunisation				Age at Date of Re-inforcing Injection			
	Under 1	1-4	5-14	Total	Under 1	1-4	5-14	Total	Under 1	1-4	5-14	Total	Under 1	1-4	5-14	Total
31. 3.60	1	5	2	8	—	18	—	18	212	48	—	260	—	17	9	26
30. 6.60	3	2	—	5	—	18	5	23	207	41	7	255	—	21	8	29
30. 9.60	3	2	2	7	—	24	13	37	223	39	5	267	—	27	10	37
31.12.60	1	2	2	5	—	13	14	27	196	35	7	238	—	26	29	55
TOTALS	8	11	6	25	—	73	32	105	838	163	19	1020	—	91	56	147

SECTION IV.

TUBERCULOSIS

TABLE 9.

Number of Cases on Register at 31st December, 1960.

PULMONARY			NON-PULMONARY			TOTAL CASES
Male	Female	Total	Male	Female	Total	
317	252	569	155	146	301	870

SECTION II.

TABLE 7

INFECTIOUS AND OTHER NOTIFIABLE DISEASES, 1960

Numbers Originally Notified TOTAL (ALL AOES) ..	SCARLET FEVER		WHOOPING COUGH		ACUTE POLIOMYELITIS				MEASLES		DIPHTHERIA		DYSENTERY		MENINGOCOCCAL INFECTION	
					PARALYTIC		NON-PARALYTIC									
	M 21	F 19	M 58	F 52	M 1	F —	M —	F —	M 332	F 287	M —	F —	M 18	F 18	M —	F —
Final Numbers after Correction																
Under 1 year	—	1	10	4	—	—	—	—	26	14	—	—	2	—	—	—
1 year	—	—	3	2	—	—	—	—	41	30	—	—	1	—	—	—
2 years	3	—	4	8	1	—	—	—	34	32	—	—	2	1	—	—
3 years	2	—	14	7	—	—	—	—	39	44	—	—	—	—	—	—
4 years	2	1	10	7	—	—	—	—	33	33	—	—	—	1	—	—
5 — 9 years	10	15	15	21	—	—	—	—	158	133	—	—	3	7	—	—
10 — 14 years	3	2	2	2	—	—	—	—	1	—	—	—	2	—	—	—
15 — 24 years	1	—	—	—	—	—	—	—	—	1	—	—	—	2	—	—
25 and OVER	—	—	—	1	—	—	—	—	—	—	—	—	8	8	—	—
TOTAL (ALL AOES) ..	21	19	58	52	1	—	—	—	332	287	—	—	18	19	—	—

Numbers Originally Notified TOTAL (ALL AGES) ..	ACUTE PNEUMONIA		SMALLPOX		ACUTE ENCEPHALITIS				ENTERIC OR TYPHOID FEVERS		PARATYPHOID FEVERS		ERYSIPELAS		FOOD POISONING	
					INFECTIVE		POST-INFECTIOUS									
	M 17	F 9	M —	F —	M —	F —	M —	F —	M —	F —	M —	F —	M 1	F 2	M 2	F 5
Final Numbers after Correction																
Under 5 years	3	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1
5 — 14 years	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 — 44 years	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45 — 64 years	9	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—
65 and Over	4	4	—	—	—	—	—	—	—	—	—	—	—	1	—	—
TOTAL (ALL AGES) ..	17	9	—	—	—	—	—	—	—	—	—	—	1	2	1	2

Numbers Originally Notified TOTAL (ALL AGES) ..	TUBERCULOSIS						PUERPERAL PYREXIA	OPHTHALMIA NEONATORUM	
	Respiratory		Meninges and C.N.S.		Other				
	M 17	F 15	M —	F —	M 2	F 1			
Final Numbers after Correction									
Under 5 years	1	—	—	—	—	—			
5 — 14 years	—	—	—	—	1	—			
15 — 24 years	2	3	—	—	1	1			
25 — 44 years	2	6	—	—	—	—			
45 — 64 years	9	5	—	—	—	—			
65 and Over	3	1	—	—	—	—			
TOTAL (ALL AGES) ..	17	15	—	—	2	1	20	—	—

TABLE 10.

New Cases and Mortality, 1960

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	1	—	—	—	—	—	—	—
5 — 14 years	—	—	1	—	—	—	—	—
15 — 24 years	2	3	1	1	—	—	—	1
25 — 44 years	2	6	—	—	1	—	—	—
45 — 64 years	9	5	—	—	5	—	—	—
65 and over	3	1	—	—	2	1	—	—
	17	15	2	1	8	1	—	1

TABLE II
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES			DEATHS			No. ON REGISTER AT END OF YEAR											
	Pulmonary		Non-Pulmonary	Pulmonary		Non-Pulmonary	Pulmonary			Non-Pulmonary								
	Male Female Total		Male Female Total	Male Female Total		Male Female Total	Male Female Total			Male Female Total								
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total						
1951	26	33	59	4	7	11	13	7	20	1	3	4	282	247	529	180	170	350
1952	30	30	60	7	2	9	8	2	10	—	1	1	283	259	542	177	159	336
1953	42	29	71	6	5	11	8	5	13	2	—	2	289	271	560	169	156	325
1954	29	19	48	5	4	9	5	7	12	—	—	—	302	272	574	168	156	324
1955	28	22	50	4	6	10	9	2	11	—	1	1	315	280	595	170	154	324
1956	22	21	43	1	4	5	8	1	9	1	1	2	313	286	599	161	150	311
1957	27	15	42	1	1	2	9	2	11	1	—	1	326	290	616	159	148	307
1958	22	14	36	2	1	3	6	1	7	—	—	—	323	279	602	160	147	307
1959	20	9	29	—	—	—	8	2	10	1	—	1	324	264	588	155	146	301
1960	17	15	32	2	1	3	8	1	9	—	1	1	317	252	569	155	146	301

TABLE 12

Deaths from Pulmonary Tuberculosis between the ages of 15 and 25 years, during the past 10 years.

Year	Male	Female	Total	Percentage of Total Pulmonary Deaths
1951	1	2	3	15%
1952	—	—	—	Nil.
1953	—	1	1	7%
1954	—	1	1	8%
1955	—	1	1	9%
1956	—	—	—	Nil.
1957	—	—	—	Nil.
1958	—	—	—	Nil.
1959	—	—	—	Nil.
1960	—	—	—	Nil.

TABLE 13.

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1956	8 (6)	1 (—)	9 (6)	1 (1)	1 (—)	2 (1)
1957	9 (7)	2 (1)	11 (8)	1 (1)	—	1 (1)
1958	6 (5)	1 (1)	7 (6)	—	—	—
1959	8 (5)	2 (2)	10 (7)	1 (—)	—	1 (—)
1960	8 (6)	1 (1)	9 (7)	—	1 (—)	1 (—)
Totals	39 (29)	7 (5)	46 (34)	3 (2)	2 (—)	5 (2)

TUBERCULOSIS

The foregoing tuberculosis tables may be summarised as follows:—

Thirty-two new cases of the respiratory form of the disease were notified during the year, comprising 17 males and 15 females. This was an increase of three on the figure of 29 for 1959, made up of 20 males and 9 females. There were three new notifications of the non-respiratory form during the year, two male and one female.

Deaths from the respiratory form decreased from 10 in 1959 to nine, comprising eight males and one female, and there was one female non-respiratory death.

The district mortality rate for respiratory tuberculosis was 0.104 per 1,000 of the population, which is higher than the figure of 0.068 for England and Wales as a whole. The non-respiratory rate for the district was 0.012 compared with the national rate of 0.007.

SECTION V

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health.

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this department during the year 1960.

The various tables and statistical matter of this Section show continued activity by the Inspectors in all the branches of the Public Health Services. Many hours are spent and devoted to meat inspection and food hygiene. The industry of the Inspectors is shown by the fact that, through the gracious help of the Council, they attended refresher courses at a residential college in their own time.

Housing Act "Standard Grants" are becoming more widely used and the Inspectorate devoted a lot of time discussing, explaining and following through the various applications.

A am again grateful for the assistance of my colleagues and the co-operation of the chief officers.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND.

Senior Public Health Inspector.

WATER SUPPLY

Water undertakings supplying the District are:—

Sunderland and South Shields Water Company.

The National Coal Board.

Fifty-three samples of mains water were taken from public stand pipes or consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. All of these were reported as satisfactory.

A typical analysis of a mains supply is as follows:—

CHEMICAL ANALYSIS					PARTS PER MILLION
Total Solids	..	..	..	..	456
Chloride	..	..	..	..	29
Chloride expressed as Sodium Chloride	..				30
Nitrate as Nitrogen	..	..	..	..	2
Nitrite as Nitrogen	..	..	..	..	nil.
Free Ammonia	..	..	..	..	nil.
Albuminoid Ammonia	..	..	..	..	Faint Trace
Total Hardness	..	..	..	..	388
Temporary Hardness	..	..	..	..	282
Iron as Fe	..	..	..	..	nil.
pH Value	..	..	..	..	7.5

BACTERIOLOGICAL EXAMINATION

Organisms visible on agar 48 hours at 37°C. (average of 12 monthly samples) – 11 per ml.

Presumptive coliform organisms were absent in 100 ml. in all samples with one exception. One sample showed one presumptive coliform per 100 ml. On subcultivation to be of non-faecal origin.

The water is chlorinated before it is put into supply.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1	2	3	4	5
	Estimated population	Area in acres	Number of houses and other premises with dwelling ac'm'dat'n	No. of Houses with mains supply direct to houses	No. of Houses with mains supply from stand pipes
Burdon ..	74	1286	23		
Seaton with Slingley ..	461	1392	177	214	—
Warden Law ..	45	500	14		
Castle Eden ..	419	1546	155	155	—
Cold Hesledon ..	1079	1150	310	566	—
Dalton-le-Dale ..	698	691	256		
Easington ..	10451	3709	3107	3107	—
Haswell ..	2581				—
South Hetton ..	3216	3767	1853	1763	90
Hutton Henry ..	439				2
Station Town ..	2264	2012	810	808	—
Hawthorn ..	299	1413	122	122	—
Blackhall ..	6742				—
Hesledens ..	1405	2654	2560	2560	—
Murton East ..	9047	1406	2817	2817	—
Sheraton with Hulam ..	117	2346	42		—
Nesbitt ..	8	333	3	45	
Shotton ..	6481	1421	1881	1881	—
Horden ..	12772	1302	3727	3727	—
Peterlee ..	11733	2007	3717	3717	—
Thornley ..	4275	1148	1395	1389	6
Wingate ..	4075				
Wheatley Hill ..	5831	4570	3691	3686	5
Trimdon ..	1848				
TOTALS ..	86360	34653	26660	26557	103

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	3820	295	2	232
Overcrowding	25	1	—	1
Sanitary Conveniences:				
Insufficient	—	—	—	—
Defective	24	9	—	5
Drainage	169	45	—	58
Water Supply	62	15	—	9
Food Premises	3408	59	—	22
Shops Act	—	—	—	—
Dairies	104	4	—	3
Slaughterhouses:				
Public	—	—	—	—
Private	2613	2	—	2
Tents, Vans, etc. ..	134	13	—	9
Offensive Trades ..	91	14	—	2
Factories & Workplaces	232	12	—	9
Keeping of Animals ..	32	5	—	—
Insanitary Ashpits and Receptacles	29	13	—	11
Offensive accumulations	53	14	—	15
Smoke Nuisances ..	31	4	—	6
Prevention of Damage by Pests Act, 1949 ..	2347	—	—	—
TOTALS ..	13174	505	2	384

SMOKE ABATEMENT AND COLLIERY SPOILBANKS

Routine inspections have been made at all collieries disposing of waste on the surface, and where found necessary advice has been given to the National Coal Board with a view to the abatement of any nuisances found.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The three sites used in the Crimdon area are subject to regular visits, especially during the summer months. Licences authorising temporary accommodation have been issued during the year.

VERMINOUS PREMISES

Seven Council houses and eight private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 84 cases of infestation of house property by cockroaches, etc., advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

218 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 269 faecal specimens were taken for bacteriological examination.

LICENSED PREMISES, CLUBS, ETC.

Fifty-three inspections were carried out at licensed premises and clubs.

CINEMAS AND PUBLIC HALLS

Nineteen inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. One informal notice was served and two were complied with up to the end of the year.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 479 manholes baited, 87 gave evidence of rat infestation:—

No. of Manholes Baited	..	..	..	479
No. of Manholes Baited showing part takes of poison bait	..	..	..	75
No. of Manholes Baited showing complete takes of poison bait	..	..	..	12

It will be observed from the table that during the year 1960, inspection of non-agricultural properties either as a result of complaints received or in the course of normal daily routine revealed 243 infestations by rats. Only 18 of these were found to be heavy or major infestations and the remainder, 225 were minor. Six properties were found to be seriously infested by mice, and included in the 144 premises requiring minor treatment for mice 103 were dwelling houses. Altogether 393 properties affected by rat or mouse infestation were treated during the year. There were 535 inspections carried out on agricultural properties during 1960, and farmers and tenants are being encouraged to contract with the Council for the destruction of rodents on their premises.

Prevention of Damage by Pests Act, 1949.

Report for 12 Months ended 31st December, 1960.

	TYPE OF PROPERTY				
	NON-AGRICULTURAL				(5) Agri- cultural
	(1) Local Authority	(2) Dwelling Houses (inc. Council Houses)	(3) All other (including Business Premises)	(4) Total of Cols. (1) (2) and (3)	
I. Number of properties in Local Authority's District (Notes 1 and 2)	63	26303	3381	29747	356
II. Number of properties inspected as a result of :—					
(a) Notification	14	199	87	300	14
(b) Survey under the Act ..	26	111	96	233	345
(c) Otherwise (c.g., when visited primarily for some other purpose)	—	11	9	20	—
III. Total inspections carried out—including re-inspections (To be completed only if figures are readily available).	173	1137	502	1812	535
IV. Number of properties inspected (in Sect. II) which were found to be infested by :—					
(a) Rats (Major)	10	—	8	18	10
(Minor)	23	149	53	225	59
(b) Mice (Major)	—	1	5	6	—
(Minor)	2	103	39	144	14
V. Number of infested properties (in Sect. IV) treated by the L.A. (Figures should NOT exceed those given at Sect. IV)	35	230	80	345	17
VI. Total treatments carried out—including re-treatments (To be completed only if figures are readily available).	41	253	108	402	21
VII. Number of notices served under Sect. 4 of the Act :—					
(a) Treatment	—	—	—	—	—
(b) Structural Work (i.e., Proofing)	—	32	14	46	1
VIII. Number of cases in which default action was taken following the issue of a notice under Sect. 4 of the Act	—	—	—	—	—
IX. Legal Proceedings (see overleaf) ..	—	—	—	—	—
X. Number of "Block" control schemes carried out	33				

NOTES.

- NOTE 1. With the exception of agricultural properties, a property means one which is entered separately in the Valuation Roll for the area.
- NOTE 2. (i) Premises used by the L.A. for the purposes of trade should be entered in Col. (3).
 (ii) Sewers should not be included.
 (iii) Combined dwelling and business premises, where occupied by the same person, should be regarded as business premises and should be entered in Col. (3). Where the dwelling and business parts of the premises are in separate occupation, separate entries should be made in Cols. (2) and (3).
- NOTE 3. For the purpose of completing Sections II, IV and V, each property should be entered **once only** in respect of inspections, infestations or treatments.

HOUSING

A total of 730 Council houses was inspected during the year either on the occasion of the house becoming vacant or prior to exchange. The general condition of the property was invariably reported and both the Surveyor and the Accountant informed of details of disrepair. A valuable opportunity is given under this system of inspection prior to exchanges being confirmed to recommend refusal where a house is observed to be wilfully neglected or verminous. Colliery property in one parish is also subject to this system.

Six requests in respect of Council houses were investigated by the District Inspectors. Reports on the living conditions and circumstances of the applicants were prepared and forwarded to local members for their information and consideration.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1936-55 & 57.

Number of visits and re-visits	2128
Number of informal notices served ..	95
Number of statutory notices served ..	2
Number of notices complied with ..	50

FACTORIES ACTS, 1937-1959

During the year 232 inspections of premises subject to the provisions of the above Acts were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

Two formal and 12 informal notices to remedy defects were taken, with satisfactory results in nine cases, the rest not being completed.

FACTORIES ACTS 1937 to 1959

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of			Occupiers prosecuted (5)
		Inspections (3)	Written notices (4)		
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	39	123	5		—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	86	109	9		—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	32	—	—		—
TOTAL	157	232	14		—

2.—Cases in which DEFECTS were found.					
Particulars (1)	Number of cases in which defects were found			Number of cases in which prosecutions were instituted	
	Found (2)	Remedied (3)	To H.M. Inspector (4)	Referred By H.M. Inspector (5)	(6)
Want of cleanliness (S.1)	3	4	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ..	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—	—
Sanitary Conveniences (S.7)	12	12	—	2	—
(a) Insufficient					
(b) Unsuitable or defective	5	5	—	—	—
(c) Not separate for sexes	1	1	—	1	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	21	22	—	3	—

PART VIII OF THE ACT.

OUTWORK

(SECTIONS 110 and 111)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by Section 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel (Making)	1	—	—	—	—	—

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

Private Slaughtering at the 19 licensed slaughterhouses in the district has proceeded smoothly during the year and where necessary improvements to premises and facilities have been sought.

Perusal of the following tables will show that 21,359 animals have been slaughtered, all of which were inspected, and that 2,492 stones of meat and edible offal were condemned. Part of this was collected by a recognised salvage firm from the Cleansing Department at Murton and some disposed of by incineration.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of traders' claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 353 stones of other foods were condemned, a decrease of 48 stones on the figure of 401 for the year 1959.

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered	4996	152	27	10589 plus 5 Casualties	5589 plus 1 Casualty
Whole Carcasses condemned .. (T.B. only) .. .	1	—	—	—	—
Carcasses of which some part or organ condemned (T.B. only) ..	49	—	—	—	52
Percentage of number inspected affected with T.B.	0.97%	—	—	—	0.93%
Carcasses condemned (All diseases and conditions excluding T.B.)	3 plus 1 Casualty	1	4	7 plus 1 Casualty	7 plus 3 Casualties
Carcasses of which some part or organ condemned. (All diseases and conditions excluding T.B.)	2671	—	—	106	260
Percentage of number inspected affected with disease or condition other than T.B.	51.98%	14.81%	0.93%	4.83%	

Provisions, etc., Condemned as being unfit for Human Consumption during the year, 1960.

Cause of Unfitness	Provisions, Loose	Tinned/Bottled Foods	Fish and Fish Products
Contaminated by Glass Splinters due to accident	Fruit 4 10 Vegetables 8		sts. lbs.
Decomposition	Bacon and Ham 9 10½ Cake 8 Cereals 6 Cooked Ham 1 0¼ Manufactured Meat Products 4 5½ Sundries 4½		
Excessive Mould	Cheese 2 13 Chocolate Quickset 11 0		
Fermentation	Dried Fruits 2 12		
Rancidity	Butter 1 3		
Decomposition due to Blown and Damaged Tins		206 Tins Fish Products 1551 Tins Fruit 795 Tins Meat Products 174 Tins Milk 5 Tins Preserves 8 Tins Sundries 650 Tins Veg. Products 31 Jars Preserves 14 Jars Sundries	6 4½ 126 12 115 6¼ 10 7 8 10 44 6½ 2 3 13
Breakages			
Decomposition			Cod Fillets Fish Cakes 6 0 2¼

Carcases, Organs and Edible Offal condemned as being unfit for Human Consumption during the year 1960.

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets Stomachs and Intestines			Fat			Udders			Spleen		
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Cow	Ewe	Sow	Ox	Sheep	Pig
Abscesses					2						1			147	1																
Actinobacillosis																	9														
Actinomycosis																	2														
Acute Fever			1	1+1c		1	1+1c		1	1+1c		1	1+1c		1	1+1c		1	1+1c		1	1+1c		1	1+1c					1	1+1c
Cirrhosis														619+1203 Part Livers		164															
Cystic Conditions ..					379							1			13																
Cysticercus Bovis ..								38									48														
Decomposition			2			2		1	2			2		1	2	2	1	2			2			2			2			2	
Distomatosis															44																
Emaciation &/or Oedema	2		2		2	2		2	2		2	2		2	2		2	2		2	2		2	2			1		2	2	
Gangrenous Wounds ..							2			2						2															
Hepatitis															18	10															
Infarcts												2																			
Johnes Disease ..	1				1			1			1			1			1			1			1			1			1		
Mastitis																											25				
Moribund				1			1			1			1			1			1			1			1						1
Nephritis											2																				
Pericarditis				1			1	18	73	86			1			1	1		1			1			1						1
Peritonitis															30														1	11	
Pleurisy					47		2																								
Pneumonia					1	74	105																								
Pyæmia		2			2			2			2			2			2			2			2						2		
Septic Conditions ..		1	2	6	1	2	6	1	1	6		2	6	1	2	6	1	2	6	1	2	6	1	2	6		2	1	1	2	6
Splentitis																													4	7	
Telangiectasis																															
Traumatism	1+1c				1+1c			1+1c			1+1c			1+1c			1+1c			1+1c			1+1c						1+1c		
Tuberculosis	1				16		9	2		9	2			9		9	23		43	2			3			1			3		
Uraemia			1			1			1			1			1			1			1			1			1			1	

125 sts. 13 lbs. meat surrendered for other reasons.

"C" indicates Casualty Animal

Total weight of Meat and Edible Offal condemned	2,492 sts. 9 lbs.
Total weight of Tinned Foods, etc. condemned	353 sts. 13 $\frac{1}{4}$ lbs.
Total Weight ..	<u>2,846 sts. 8$\frac{1}{4}$ lbs.</u>

= 17 Tons 15 cwts. 6 st. 8 $\frac{1}{4}$ lbs.

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1951	29	4	3	10
1952	23	7	0	9 $\frac{1}{4}$
1953	23	9	3	6 $\frac{1}{4}$
1954	27	0	7	13
1955	22	7	2	1 $\frac{1}{2}$
1956	22	7	4	12
1957	24	9	2	6 $\frac{1}{2}$
1958	22	19	0	7 $\frac{1}{4}$
1959	21	5	1	12 $\frac{1}{4}$
1960	17	15	6	8 $\frac{1}{4}$

PUBLIC HEALTH (MEAT) REGULATIONS, 1924—1952

Vehicles used for the transport of carcase meat were frequently examined during the year and found to be generally maintained in a satisfactory condition.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackers yard was 83. This figure included four new licences issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared or stored for purposes of sale. Wherever it has been felt necessary, district public health inspectors have urged traders to provide refrigeration equipment.

The types of food premises registered, visited and subject to informal action during the year are detailed in the following table:—

Premises	Number Registered	Number of Inspections	Notices Served	Notices Complied With
Fish Shops	56	91	14	2
Butchers' Shops	60	95	6	1
Ice Cream Shops	191	93	3	1
Restaurants, etc.	Nil.	58	8	3
Other Food Prem.	Nil.	3021	28	15
TOTALS	307	3358	59	22

Sixteen applications for registration of premises for "The sale of ice-cream" under Section 16 of the Act were received during the year, all of which were approved. In the majority of cases the applications, by mutual consent, were not submitted for consideration until the shopkeeper had discussed his proposal with the inspector for the particular district and satisfied him on the arrangements provided.

Ice-cream samples numbering 127 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All samples attaining grades one and two are regarded as satisfactory. It will be observed from the following comparison that the high standard of the past few years has been maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1954	143	135	94%
1955	120	111	92%
1956	126	123	98%
1957	119	115	97%
1958	115	108	94%
1959	132	127	96%
1960	127	126	99%

(All samples submitted to Methylene Blue Reduction Test)

An additional 25 samples of ice-cream sold within the rural district were collected for fat analysis and examined by Mr. W. Gordon Carey, Public Analyst, Newcastle upon Tyne. All samples were found to be satisfactory.

Appropriate action has been taken under the Food Hygiene Regulations of this Act requiring occupiers of food premises to conform to the higher standards laid down.

ICE CREAM SAMPLING—YEAR 1960.

District	Methylene Blue										Fat Content		
	Grades										Above	%	Below
	1	%	2	%	3	%	4	%	5	%			
Blackhall Colliery	3	100.0	—	—	—	—	—	—	—	—	2	100.0	—
Blackhall Rocks ..	4	100.0	—	—	—	—	—	—	—	—	1	100.0	—
Castle Eden ..	2	100.0	—	—	—	—	—	—	—	—	1	100.0	—
Easington ..	4	100.0	—	—	—	—	—	—	—	—	—	—	—
Easington Colliery	14	82.3	2	11.8	1	5.9	—	—	—	—	4	100.0	—
Haswell ..	5	100.0	—	—	—	—	—	—	—	—	—	—	—
Hawthorn ..	4	100.0	—	—	—	—	—	—	—	—	—	—	—
Horden ..	9	75.0	3	25.0	—	—	—	—	—	—	4	100.0	—
Murton ..	6	85.7	1	14.3	—	—	—	—	—	—	2	100.0	—
Peterlee ..	4	100.0	—	—	—	—	—	—	—	—	—	—	—
Shotton ..	12	100.0	—	—	—	—	—	—	—	—	4	100.0	—
South Hetton ..	9	100.0	—	—	—	—	—	—	—	—	—	—	—
Station Town ..	4	100.0	—	—	—	—	—	—	—	—	—	—	—
Thornley ..	11	100.0	—	—	—	—	—	—	—	—	2	100.0	—
Trimdon Station ..	4	100.0	—	—	—	—	—	—	—	—	—	—	—
Wheatley Hill ..	9	100.0	—	—	—	—	—	—	—	—	1	100.0	—
Wingate ..	15	93.8	1	6.2	—	—	—	—	—	—	4	100.0	—
Total ..	119	93.7	7	5.5	1	0.8	—	—	—	—	25	100.0	—

Total Methylene Blue Samples	..	..	..	..	127
Total Fat Content Samples	..	..	..	..	25

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 337 consisting of 19 samples of raw milk which were tested for keeping quality and cleanliness, and 318 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

On one occasion when a raw milk sample failed to satisfy the prescribed test and the District Inspector reported favourably on the distributors' premises and methods, a copy of the bacteriologist's report was forwarded for information to the County Milk Production Officer and the County Health Inspector.

Four results received from pasteurised milk samples were unsatisfactory by failing the Methylene Blue Test. Action was taken by interviewing or writing to the various dairies and repeat samples obtained.

During the course of the year 104 inspections of distributors' premises were made.

MILK SAMPLING.

337 samples of raw and heat treated milk were taken for examination during 1960 with the following results:—

	No. of Samples Taken	Methylene Blue Test			Phosphatase Test			Turbidity Test		
		Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory
T.T. Milk	19	18	1	5.3	—	—	—	1	1	—
Pasteurised Milk	214	104	3	2.9	107	—	—	1	1	—
T.T. Pasteurised Milk	88	43	1	2.3	44	—	—	1	1	—
Sterilised Milk	16	—	—	—	—	—	—	16	—	—

HOUSING AND SEWERAGE

(CONTRIBUTED BY THE ENGINEER AND SURVEYOR)

HOUSING

The construction of new houses in the Council's district has continued satisfactorily during the year, and a total of 224 houses have been completed.

The total number of post-war houses completed to date is 3,071, making the total number of houses owned by the Council 7,692.

PRIVATE HOUSING

The following private houses have been built during the year by private enterprise:—

Castle Eden Parish	..	..	..	2
Dalton-le-Dale Parish		..	..	2
Easington Parish	..	..	..	5
Hawthorn Parish	..	..	..	1
Horden Parish ..	..	..	..	1
Monk Hesleden Parish		..	..	7
Murton Parish	..	..	..	11
Peterlee Parish	..	..	..	5
Seaton with Slingley Parish	..		..	5
Shotton Parish ..	..	..	..	2
Wingate Parish	..	..	..	6
				—
Total	..	..	..	47
				==

IMPROVEMENT PROGRAMME

Work has continued on the second phase of the improvement programme to pre 1939 Council Houses, and a total of 446 have had major improvements completed.

HOUSING MAINTENANCE

The maintaining of Council Houses has continued satisfactorily during the year and 11,219 repairs were made to pre-war houses and 12,375 repairs to post-war houses, making a total of 33,594 repairs in all.

SEWERAGE

Works of maintenance on all the Council's sewers were carried out satisfactorily throughout the year. Remedial works were carried out in various districts where flooding was experienced.

HASWELL TO THE SEA SCHEME

This scheme is now nearing completion. The Pumping Station is now completed, bar for decoration and the pumps fitted, together with Electric Sub-Station and Transformer Compound. Approximately 1,500 yards of 21" 18" and 12" pipes have been laid and also 300 yards of cast iron rising main completed, and connected to the outfall sewer to the sea. It only remains for the North Eastern Electricity Board to extend the underground cable and fix the transformer, when the work may be tested. The house connections from the bungalows in Dalton-le-Dale will then require re-connecting.

BUS SHELTER SCHEME

A total of 151 Bus Shelters has now been erected throughout the District. It has been necessary to carry out considerable repairs during the past year due to vandalism.

PUBLIC CLEANSING

(CONTRIBUTED BY THE CLEANSING SUPERINTENDENT)

COLLECTION OF HOUSEHOLD REFUSE

The work of the department has been satisfactorily carried out during the year and all complaints have received immediate attention. The whole of the district, except for a few outlying farms, has received a twice and in some cases three time weekly service.

From 27,792 houses, other buildings and dwellings in the district 2,868,981 collections were made, an increase of 31,118 over the year. This represents an average of 55,172 collections weekly. Tonnage during the same period amounted to 99,356 tons.

Twenty-three vehicles travelled 142,828 miles using 32,923 gallons of petrol.

DISPOSAL AREAS

All disposal areas are being worked by the semi-controlled method, and although occasional fires occurred, no great expense has been necessary to abate this nuisance.

DUST BINS

During the year 356 private dust bins have been sold, 694 supplied to Council House tenants, and 202 supplied to Crimdon Park.

PUBLIC CONVENIENCES

Twenty-six conveniences in the district are cleansed daily and 151 bus shelters receive regular attention by this department. This is an increase of 24 bus shelters during the year.

LITTER BINS

During the year 125 new litter bins have been erected in the district.

TRADE REFUSE

Trade refuse is collected during normal rounds and quarterly accounts submitted. The charge of 7d. per bin or its equivalent is in relation to the number of bins or quantity. 88 tradespeople throughout the district have taken advantage of this service bringing in a total of £210.

SALVAGE

389 tons of Waste Paper was sold bringing in the revenue of £3,158. Other materials salvaged included 50½ tons of Metals, 19 tons of Textiles and 1,902 gross Bottles and Jars. The total salvage revenue amounting to £4,501.

May I take this opportunity of thanking all Officials and Staff for their help and co-operation during the year.

William Barlow & Son, Ltd.,
West Hartlepool
